Vamshi Krishna Kollipati

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Education

JNTUH
Bachelor of Technology in Computer Science Engineering
📅 Aug 2022   📍 Hyderabad

Links

- GitHub **Kollipati**
- Linkedin **VamshiKollipati**
- Medium **Kollipati**
- Portfolio **VamshiKollipati**
- Hackerrank **VamshiKollipati**

Skills

PROGRAMMING
Python • SQL

PROGRAMMING
MySQL • PostgreSQL • SQLite

LIBRARIES
NumPy • Pandas • Matplotlib • Scipy
Seaborn • Flask • Scikit-learn

VISUALIZATIONS
Microsoft PowerBI • Tableau

TECH STACK
Machine Learning • Heroku • EDA
Excel • GitHub • Feature Engineering
ETL • Statistics • Data Wrangling
Feature Scaling • Feature Selection
Feature Extraction • Model Training
Metrics • Model Deployment

Coursework

CERTIFICATIONS
Google Data Analytics
Crash Course on Python - Google
Applied Machine Learning
Supervised Machine Learning
Advanced Learning Algorithms
Microsoft SQL Server from Scratch
Microsoft Excel - For DATA Analysis
Tableau Essential Training

Honors

HACKERRANK
Earned 5-star Gold Badges
• **SQL** • **Python**

LINKEDIN
Earned 15+ Skill Badges

Experience

DATA SCIENTIST INTERN
iNeuron.ai
📅 Mar 2022 – Present   📍 Remote

- Learned **Machine Learning pipelines** and applied them to projects to improve efficiency and productivity.
- Utilized advanced **querying**, **visualization**, and **analytics tools** to analyze and process complex datasets.
- Successfully implemented **15+** end-to-end **Machine learning projects** and Created animated web applications using **Flask** to make predictions and Deployed them in **Heroku**.
- **Skills:** Machine Learning, Python, SQL, Scikit-learn, Statistics.

Recent Projects

ATLIQO TELECOM ANALYSIS
POC
📅 Nov 2022 – Dec 2022   📍 Remote

- Atliqo is one of the leading **telecom** providers in India and launched its **5G** plans in May 2022 along with other providers.
- Atliqo's business director requested the analytics team to provide a comparison report of **KPIs** between pre and post-periods of the 5G launch.
- Cleaned the data using **SQL** and created the Dashboard by using **Microsoft PowerBI**.
- Implemented the given **metrics**, **comparison report** based on **pre** and **post**-periods of the **5G**. This dashboard **helped** them to check the **active users**, **unsubscribers**, and **revenue** based on every month.

THYROID DISEASE PREDICTION
POC
📅 Aug 2022 – Sep 2022   📍 Remote

- This is a **POC** Project created to help people to detect whether or not a patient has thyroid.
- **Preprocessed** the data by filling the null value using a **Simple Imputer**, Created a function to remove outliers using an **Interquartile Range**.
- Used an **Ordinal Encoder** and **Label Encoder** to encode the categorical data to numerical data, Scaled the data by using **Standard Scaler** and selected the best features from the data.
- Trained the data using Five algorithms over all **Decision Tree** got the highest **accuracy** with **99.90%**.

DIABETES PREDICTION
POC
📅 Jun 2022 – Jul 2022   📍 Remote

- This Project was created to Predict diabetes in people.
- **Preprocessed** and cleaned the raw data Using **SQL** and **Pandas**.
- Visualized the data by using **Pandas Profiling** and Handled the Imbalanced dataset by using **Smote**.
- HyperParameter Tuned the models for better accuracy and also used **Bagging** and **Boosting** Techniques.
- Trained the data and the best Predicted model is **Random Forest Classifier** with an **accuracy** of **99.9%**.